

## Abstract of the Disclosure

To provide a computer color-matching apparatus comprising (A) a colorimeter, (B) a micro-brilliance-feeling measuring device, and (C) a computer in which a plurality of paint blends, the color data and micro-brilliance-feeling data corresponding to each of the paint blends, and the color characteristic data and micro-brilliance-feeling characteristic of a plurality of full-color paints are entered and a color-matching-calculation logic operates and a computer color-matching method for brilliant paints of executing the following steps by the computer color-matching apparatus: (1) a step of measuring the paint film of a reference color by a colorimeter to obtain the color data of the reference color, (2) a step of measuring the paint film of a reference color by a micro-brilliance-feeling measuring device to obtain micro-brilliance-feeling data of the reference color, and (3) a step of comparing the color data and micro-brilliance-feeling data of the reference color with the color data and micro-brilliance-feeling data corresponding to the paint blend previously entered in a computer, and selecting a prospective paint blend.